

[54] BIFOCAL CONTACT LENSES

[75] Inventor: John T. de Carle, Tilford,  
Nr.Farnham, England

[73] Assignee: N.G. Trustees & Nominees, Ltd., St.  
Helier, Channel Islands

[21] Appl. No.: 541,454

[22] Filed: Oct. 13, 1983

[30] Foreign Application Priority Data

Oct. 13, 1982 [GB] United Kingdom ..... 8229211

[51] Int. Cl.<sup>4</sup> ..... G02C 7/04

[52] U.S. Cl. .... 351/161

[58] Field of Search ..... 351/160 R, 160 H, 161,  
351/162

[56] References Cited

U.S. PATENT DOCUMENTS

3,794,414 2/1974 Wesley ..... 351/161  
4,162,122 7/1979 Cohen ..... 351/161

4,210,391 7/1980 Cohen ..... 351/161  
4,338,005 7/1982 Cohen ..... 351/161  
4,340,283 7/1982 Cohen ..... 351/161

Primary Examiner—John K. Corbin

Assistant Examiner—Scott J. Sugarman

Attorney, Agent, or Firm—Russell & Tucker

[57] ABSTRACT

A bifocal contact lens is described wherein at least the major viewing area is divided into a multiplicity of near and distant vision viewing zones, each near vision zone being adjacent to a distant vision zone or middle distance zone and there being at least 3 viewing zones in all, whereby the wearer is able to look through at least 2 zones of different power simultaneously. Normally the lens has at least 2 of each kind of viewing zone and the total surface area of the distant vision zones is substantially equal to the total surface area of the near vision zones.

17 Claims, 13 Drawing Figures

